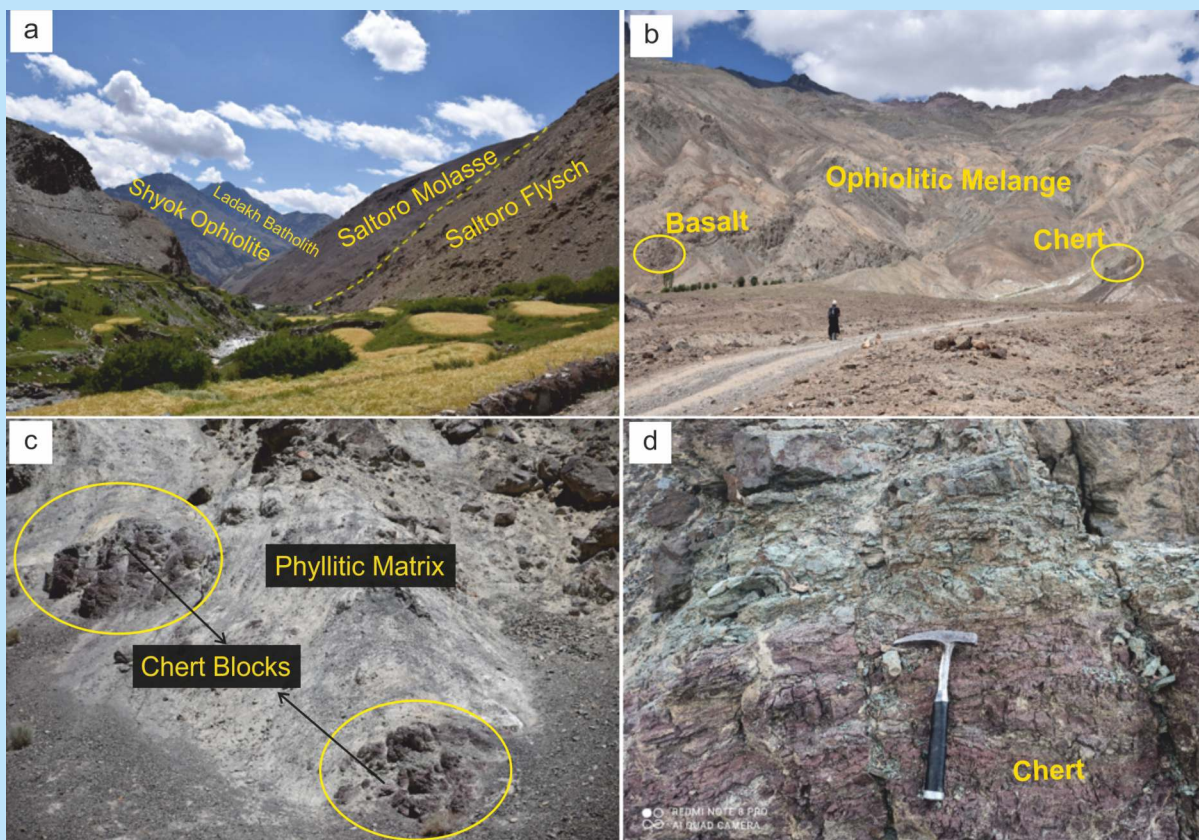


HIMALAYAN GEOLOGY

(An International Journal of Geosciences)

Vol. 46, No. 2, 2025

WADIA INSTITUTE OF HIMALAYAN GEOLOGY
Dehradun 248001, India



HIMALAYAN GEOLOGY

Vol. 46, No. 2, 2025

CONTENTS

Pages

- ZHU XIMING, JIA JINLONG, ZHANG LONGGANG, MA ZHENG, QIN ZHENGYUAN, ZHANG HANQUAN, LIU ZILONG** : Study on the numerical simulation model for quantitative evaluation on effect factors of multi-branch pinnate borehole gas extraction in high-gas thick coal seams 125-135
- MALLIKA K. JONNALAGADDA, NITIN. R. KARMALKAR, RAYMOND A. DURAISWAMI** : Partial transformation of coesite to quartz in eclogitic garnets of the Tso Morari complex, Ladakh, NW Himalayas: Insights from Raman mapping 136-144
- PARV KASANA, VIMAL SINGH, TANYA** : Comparative analysis of Himalayan rivers and Central Indian Forebulge rivers: Insights from contrasting tectonic regimes 145-159
- HIMANTA BORGOHAIN, SOWRAV SAIKIA, SUMER CHOPRA, RAJIB BISWAS, SANTANU BARUAH, VICKEY SHARMA, BIBHUTI GOGOI** : Mapping intensity distribution of Mw~6.1 Dhekiajuli earthquake in the context of tectonic settings 160-169
- DEEPA ARYA, GUNJAN ARYA** : Petrogenesis of Granite and Granite gneiss of Lansdowne Klippe, Garhwal Lesser Himalaya, Uttarakhand, India 170-183
- ASHISH PAL, DILIP KUMAR YADAV, DEBONIL BARUAH, ABHISHEK KUMAR GUPTA, H.C. NAINWAL, PARAKH SAHU** : Stress pattern analysis and its tectonic implications in the Eastern Himalayan Syntaxis: A special emphasis to the Siang Valley, Arunachal Pradesh, Northeast India 184-195
- AVIK PAUL, DEEPANKAR CHOUDHURY, SIMA GHOSH, SANTANU BARUAH, G.K. BORUAH, J.R. KAYAL** : MASW and SPT studies for subsurface soil characterization in Udaipur city area, Tripura state of NE India 196-207
- RAKESH CHANDRA, IHSAN ULLAH LONE, MEENAL MISHRA, JONATHAN C. AITCHISON** : Lower Cretaceous (lower Aptian) radiolarian cherts from the Shyok Suture Zone, Ladakh, Trans-Himalaya, India 208-220
- ADITYA KHARYA, HIMANSHU K. SACHAN, SAMEER K. TIWARI, SHASHI RANJAN RAI, DEEPASHU JOSHI, VAIBHAV DUBEY** : Fluid Evolution of the Asian Continental Crust: Implication for Exhumation Tectonics of Trans Himalaya 221-233
- NEERAJ DAHIYA, KOUSHIK PANDIT, ANINDYA PAIN, SHANTANU SARKAR** : Rockfall dynamics and mitigation strategies for a vulnerable location along a National Highway (NH-7) near Shivpuri in the Tehri Garhwal district of Uttarakhand, India 234-243
- KALACHAND SAIN**: Himalaya and its Bearings – Progress and Sustainability: A synoptic view 244-246

National Training Programme on “Policy for Science and Science for Policies”

[Click Here for Complete Himalayan Geology Journal](#)

Published by Wadia Institute of Himalayan Geology, 33 General Mahadeo Singh Road, Dehradun 248001, India

ISSN 0971-8966